BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Name of Work: Improvements to Roads and Drains in Ward No. 09, 10, 11of Vidyaranyapura Sub Division Package No. 03

Sl. No.	Rate	Description	Unit	Qty	Total Amount	Durga Temple Road 10.00 Lakhs		Thindlu SC Colony 15.00 Lakhs		Basavasamiti 25.00 Lakhs		Kempegowda nagar 15.00 Lakhs		Ganesh Layout 20.00 Lakhs		Thindlu Circle GKVK 80.00 Lakhs		Kaiappa Layout 25.00 lakhs		KNV 2nd Stage 25.00 lakhs		Lake Development 50.00 lakhs		Muniswamappa Layout 25.00 lakhs		Varadarajangara 15.00 lakhs	
						Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
1	250.56	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever	Cum	20.66	5176.57											**20.66**	5176.57										
2	382.32	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work,	Cum	95.56	36534.50																					95.56	36534.50
3	83.16	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift	Cum	3887.40	323276.18	184.45	15338.86	**60.50**	5031.18	291.45	24236.98	370.50	30810.78	469.63	39054.43	**593.67**	49369.60	397.80	33081.05	334.05	27779.60	253.50	21081.06	931.85	77492.65		
4	63.72	Removing B.S Slab of Drain and stacking etc complete as per specifications and directions of engineer in charge of the work	Sqm	4039.20	257377.82	428.40	27297.65			621.00	39570.12	90.00	5734.80	780.30	49720.72	**81.00**	5161.32							######	129893.22		
5	78.84	Refixing stone slabs of drains and pointing in C.M (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm	4039.20	318450.53	428.40	33775.06			621.00	48959.64	90.00	7095.60	780.30	61518.85	**81.00**	6386.04							######	160715.34		
6	5070.60	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and	Cum	388.58	1970333.75			**60.50**	306771.30	36.99	187561.49	16.20	82143.72			**45.15**	228937.59	35.10	177978.06	51.30	260121.78					143.34	726819.80
7	4135.32	Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less	Cum	144.86	599042.46											**46.58**	192623.21	45.36	187578.12	52.92	218841.13						
8	96.12	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints	Sqm	113.40	10900.01													75.60	7266.67	37.80	3633.34						
9	5490.72	Providing and laying in position plain cement concrete of **mix 1:2:4 with OPC cement @ 240 kgs with 40mm** and down size graded granite metal coarse	Cum	170.27	934904.89					37.60	206451.07	5.40	29649.89		0.00	**12.43**	68249.65	81.36	446724.98	33.48	183829.31						
10	1018.44	Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb,	Sqm	454.60	462982.82					296.00	301458.24					**158.60**	161524.58										

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						Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
	6198.12	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine	Cum	409.89	2540547.41					36.45	225921.47	37.80	234288.94			**87.10**	539856.25	118.35	733547.50	130.19	806933.24						
12	6332.04	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating,	Cum	246.20	1558948.25			**150.64**	953858.51																	95.56	605089.74
13	97.20	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of	Sqm	2160.70	210020.04			**1205.10**	117135.72																	955.60	92884.32
	124.20	Providing groove cutting for **cement pavement** wifth of 5mm to 10mm and depth 800mm-100mm including cost of cutting machine, generator and HOM of	Rmt	215.40	26752.68			**120.80**	15003.36																	94.60	11749.32
	794.88	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete 10 cms	Sqm	32.40	25754.11			**32.40**	25754.11																		
6	35.64	Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be	m	216.00	7698.24			**216.00**	7698.24																		
7	924.48	Providing two line dressing to granite stone slab / granite stone masonry etc complete as per	Sqm	32.40	29953.15			**32.40**	29953.15																		
	69805.80	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever	Tonne	28.27	1973409.97					2.19	152874.70	2.27	158459.17			**5.23**	365084.33	9.47	661060.93	9.11	635930.84						
	306.72	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness,	Sqm	1662.29	509857.59			**56.55**	17345.02									621.00	190473.12	984.74	302039.45						
	329.40	Providing and removing centering, shuttering, strutting, propping etc., and **removal of form work for flat surface such as suspended floors, roofs,**	Sqm	1074.69	354002.89					297.00	97831.80	288.00	94867.20			**489.69**	161303.89										
	226.80	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth	Sqm	80.00	18144.00											**80.00**	18144.00										
	320.76	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and	Nos	3978.00	1275983.28											**222.00**	71208.72					3756.00	1204774.56				

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						Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
	311.04	Providing sand cement bed with 5% cement with all [illegible] for all materials and lift of 1.5m, machine mixed, laid in layers of 15cms, thick and well compacted for	Cum	253.50	78848.64																	253.50	78848.64				
34	934.20	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufactures of blocks of	Sqm	2535.00	2368197.00																	2535.00	2368197.00				
	6720.00	1031 - Providing J.C.B Excavator on Hire basis including Operator and Fuel etc complete as per specifications and directions	Day	5.00	33600.00											5	33600.00										
36	2016.00	1023 - Hire Charges of Tipper including Operator and Fuel etc complete as per specifications and directions of engineer in	Day	10.00	20160.00											10	20160.00										
37	106.34	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. **From 0.00 to**	Cum	3831.41	407432.14	175.23	18633.96	**60.50**	6433.57	262.31	27894.05	370.50	39398.97	469.63	49940.45	**590.85**	62830.99	338.13	35956.74	334.05	35522.88	202.80	21565.75	931.85	99092.93	95.56	10161.85
		Electrical																									
	6150.00	Supplying High pressure sodium vapour street light fitting die cast aluminium canopy with aluminium housing for control gear,	Each	135.00	830250.00																	135.00	830250.00				
39	685.00	Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or	Each	135.00	92475.00																	135.00	92475.00				
40	150.00	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with	Mtr	45.00	6750.00																	45.00	6750.00				
41	18.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required .II. On wall	Mtr	405.00	7290.00																	405.00	7290.00				
42	14.00	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes **f) 16 sqmm**	Each	50.00	700.00																	50.00	700.00				
	3460.00	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws,	Each	10.00	34600.00																	10.00	34600.00				
44	925.00	Supply and Installation/Fixing/Provision for mounting of HRC Fuse /MCB with suitable connector/teminal for 3 Ph/1	Each	10.00	9250.00																	10.00	9250.00				
	23.00	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Aluminium conductor single core cable	Mtr	250.00	5750.00																	250.00	5750.00				
	145.00	Supply and fixing of backlite D.P/Socket/switch with/without neon indicator over existing wood board or flush mounting in plastic	Each	155.00	22475.00																	155.00	22475.00				

Estimated Cost: Rs: 10.00 Lakhs

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						Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount	Qty	Amount
47	80.00	Supplying and flush mounting teak wooden box without front plant made of not less than 12mm thick wood, after due groove	Each	30.00	2400.00																	30.00	2400.00				
		Total			26225221.53		989925.14		1484984.16		2473097.10		1482796.52		1978639.35		3959444.94		2473667.17		2474631.56		4950162.47		2474633.59		1483239.54

26225221.53

22/1/16

ADMINISTRATIVE APPROVAL

Accorded For Rs. Three crores five lakhs only

Head of A/c P-3106

Div. Ref. No. 96/16-17 Date 03/03/17

AE 03/03 EE(BTP)

Technical Sanction

Accorded For 3.30 crore (Three hundred thirty lakhs only)

Head of A/C P3106

CER NO : 111C/15-16 **Dt:** 03.03.2016

TA CE (YNK).

Estimated Cost: Rs: 10.00 Lakhs